

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024418.D
 Acq On : 20 Mar 2023 19:02
 Operator : CG/JU
 Sample : 01884-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB927

Quant Time: Mar 21 02:16:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:12:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

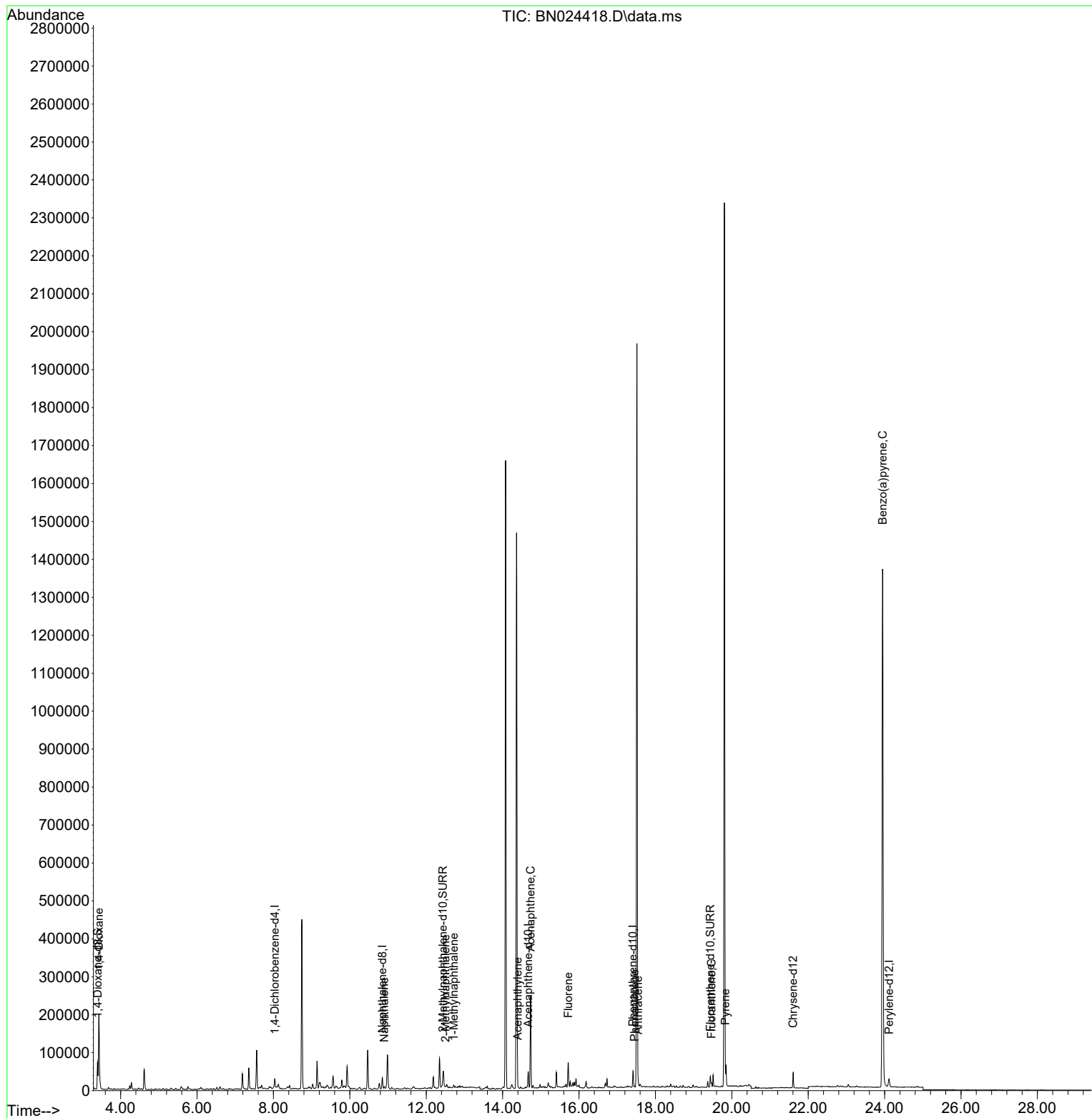
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	12026	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	37745	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.670	164	23982	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	46665	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.606	240	36614	0.400	ng/ul	# 0.00
23) Perylene-d12	24.114	264	27441	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	47229	3.569	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	13513	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	28710	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	137603	9.559	ng/ul	87
5) Naphthalene	10.900	128	5910	0.063	ng/ul#	75
7) 2-Methylnaphthalene	12.505	142	2080	0.036	ng/ul	100
8) 1-Methylnaphthalene	12.725	142	2932	0.049	ng/ul	92
10) Acenaphthylene	14.397	152	4672	0.047	ng/ul#	17
11) Acenaphthene	14.730	153	138012	1.790	ng/ul	97
12) Fluorene	15.716	166	40753	0.473	ng/ul	96
15) Phenanthrene	17.455	178	2894	0.022	ng/ul#	25
16) Anthracene	17.548	178	12754	0.109	ng/ul#	57
19) Fluoranthene	19.469	202	8831	0.061	ng/ul#	50
20) Pyrene	19.831	202	6159	0.042	ng/ul#	1
26) Benzo(a)pyrene	23.948	252	7641	0.085	ng/ul#	29

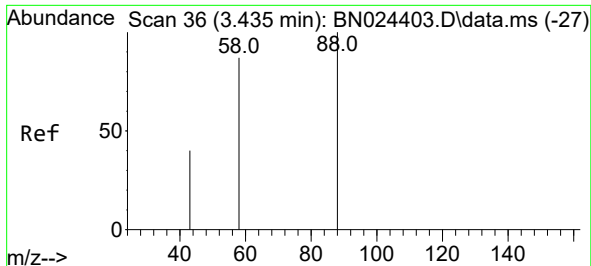
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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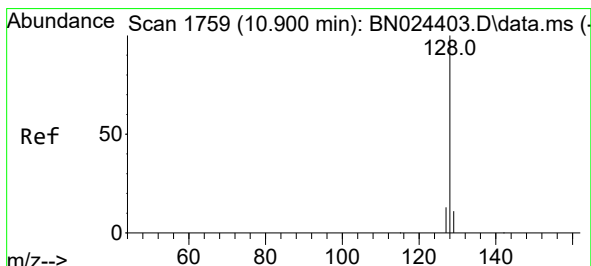
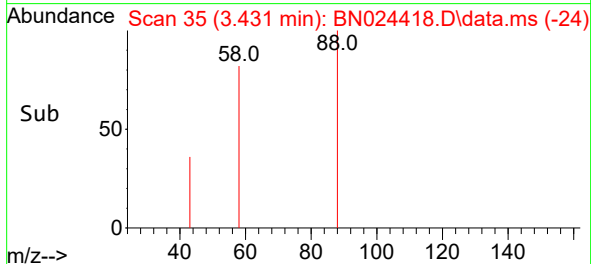
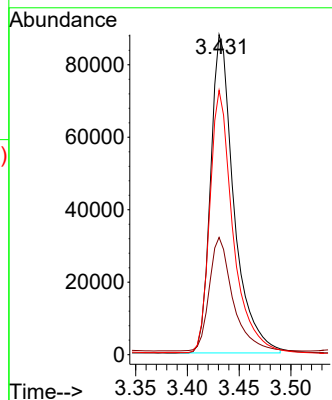
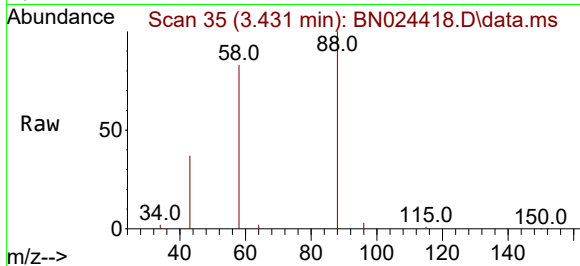


#2
 1,4-Dioxane
 Concen: 9.559 ng/ul
 RT: 3.431 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN024418.D
 Acq: 20 Mar 2023 19:02

Instrument :
 BNA_N
 ClientSampleId :
 CB927

Tgt Ion: 88 Resp: 137603

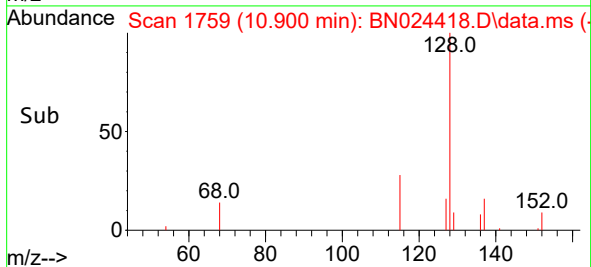
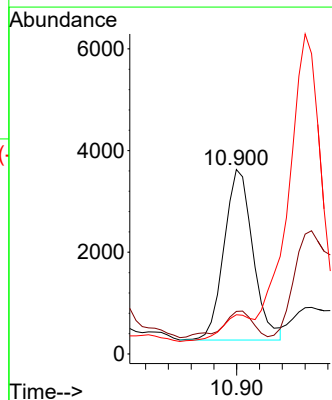
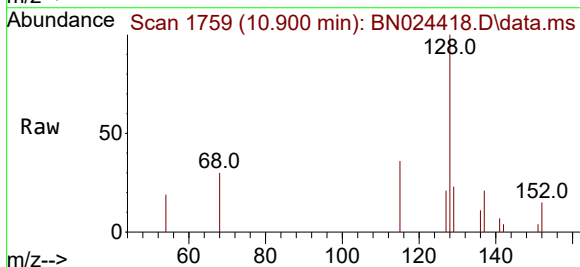
Ion	Ratio	Lower	Upper
88	100		
43	36.7	32.1	48.1
58	82.6	55.1	82.7

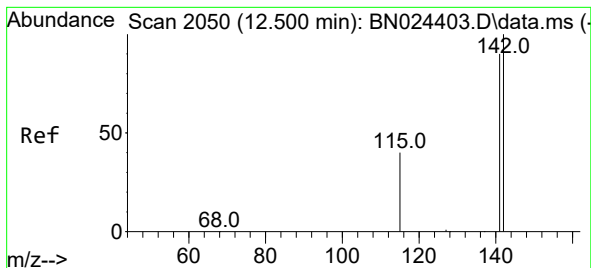


#5
 Naphthalene
 Concen: 0.063 ng/ul
 RT: 10.900 min Scan# 1759
 Delta R.T. -0.000 min
 Lab File: BN024418.D
 Acq: 20 Mar 2023 19:02

Tgt Ion: 128 Resp: 5910

Ion	Ratio	Lower	Upper
128	100		
129	23.0	9.0	13.6#
127	21.3	10.5	15.7#

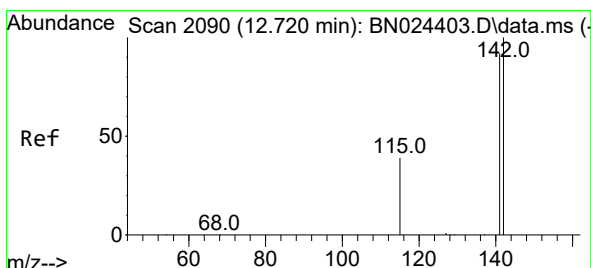
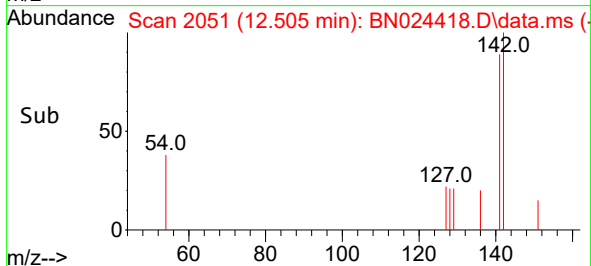
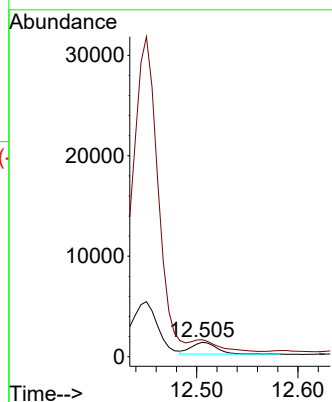
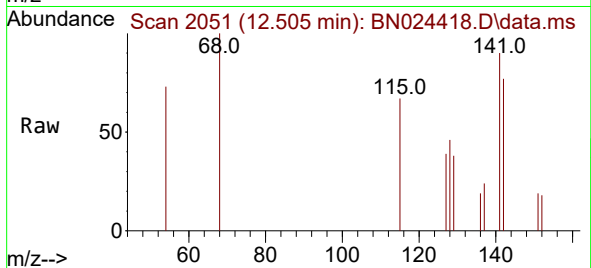




#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.505 min Scan# 2051
Delta R.T. 0.005 min
Lab File: BN024418.D
Acq: 20 Mar 2023 19:02

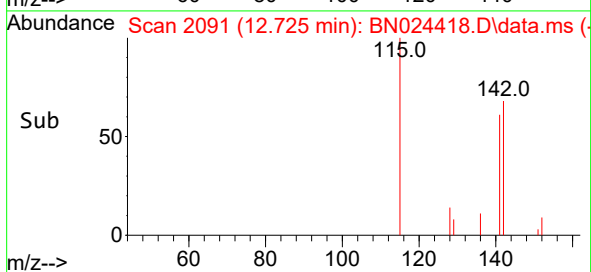
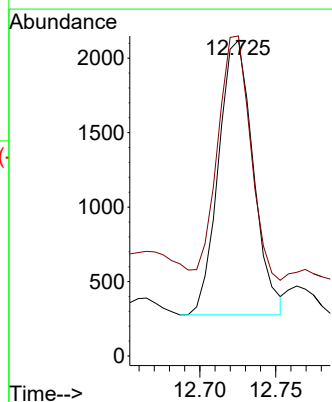
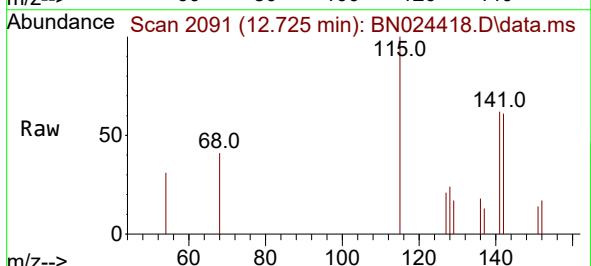
Instrument :
BNA_N
ClientSampleId :
CB927

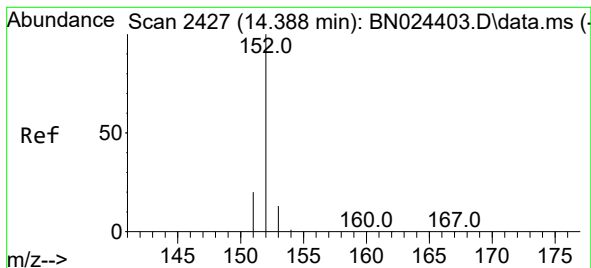
Tgt Ion:142 Resp: 2080
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.725 min Scan# 2091
Delta R.T. 0.005 min
Lab File: BN024418.D
Acq: 20 Mar 2023 19:02

Tgt Ion:142 Resp: 2932
Ion Ratio Lower Upper
142 100
141 83.9 73.0 109.6





#10

Acenaphthylene

Concen: 0.047 ng/ul

RT: 14.397 min Scan# 2427

Delta R.T. 0.009 min

Lab File: BN024418.D

Acq: 20 Mar 2023 19:02

Instrument :

BNA_N

ClientSampleId :

CB927

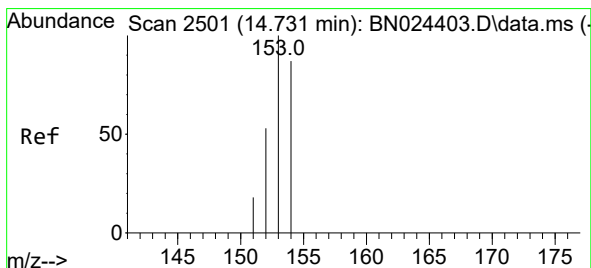
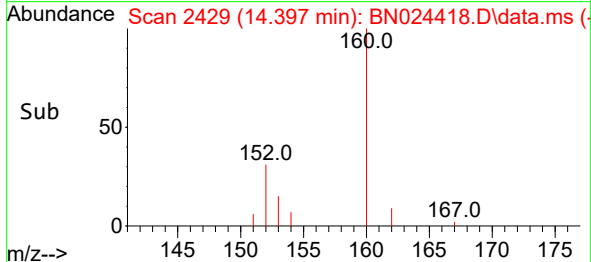
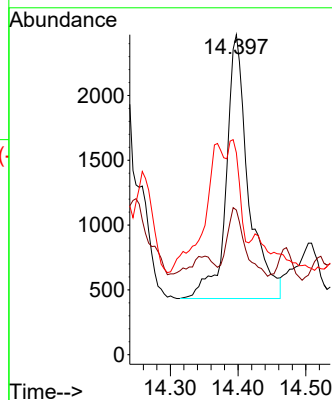
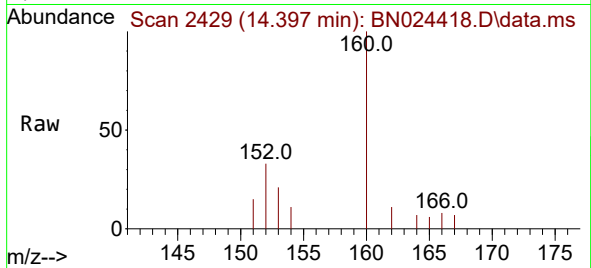
Tgt Ion:152 Resp: 4672

Ion Ratio Lower Upper

152 100

151 45.2 15.9 23.9#

153 63.1 10.6 16.0#



#11

Acenaphthene

Concen: 1.790 ng/ul

RT: 14.730 min Scan# 2501

Delta R.T. -0.000 min

Lab File: BN024418.D

Acq: 20 Mar 2023 19:02

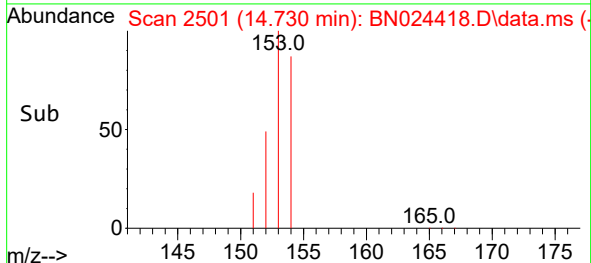
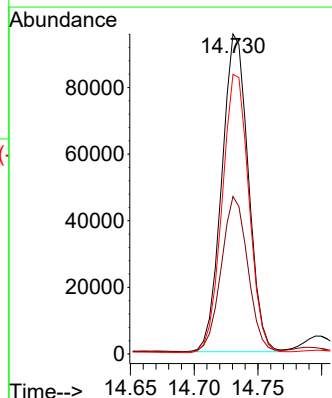
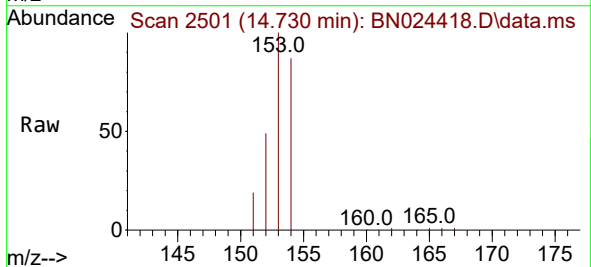
Tgt Ion:153 Resp: 138012

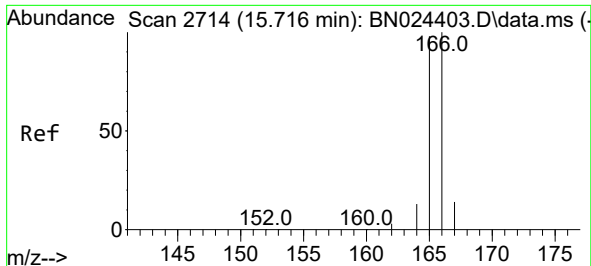
Ion Ratio Lower Upper

153 100

152 49.2 42.6 64.0

154 87.4 70.6 105.8

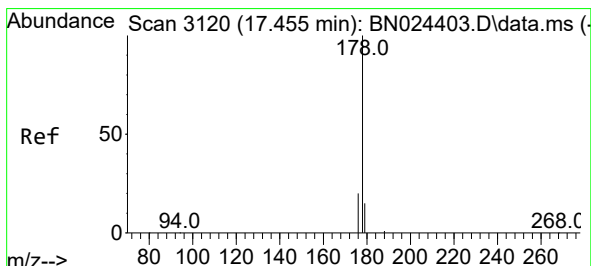
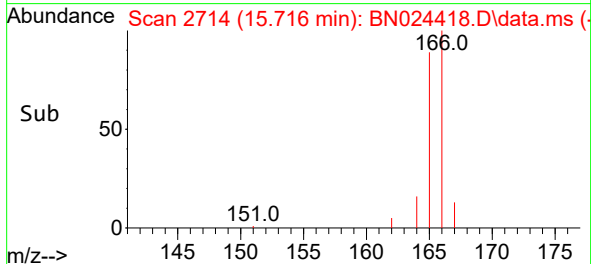
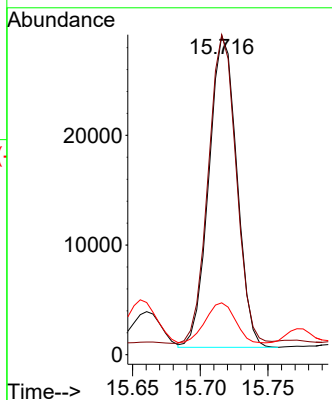
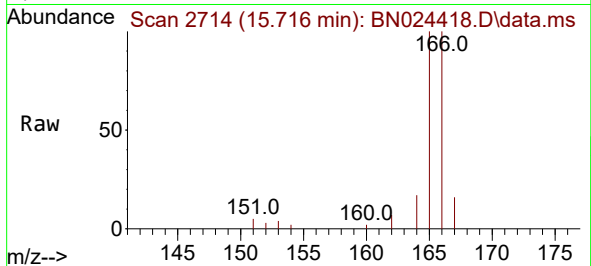




#12
Fluorene
Concen: 0.473 ng/ul
RT: 15.716 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024418.D
Acq: 20 Mar 2023 19:02

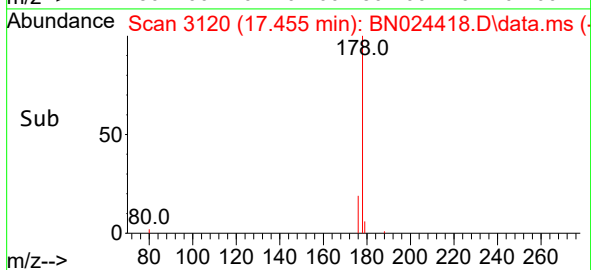
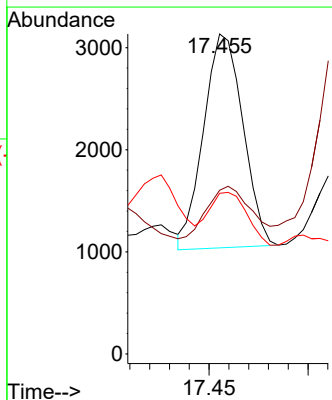
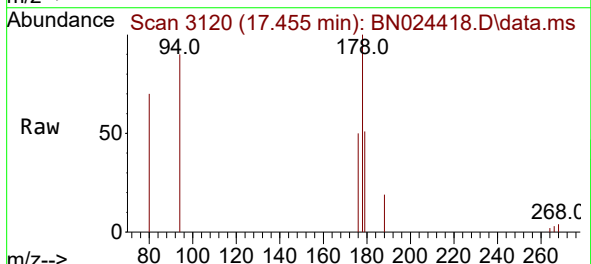
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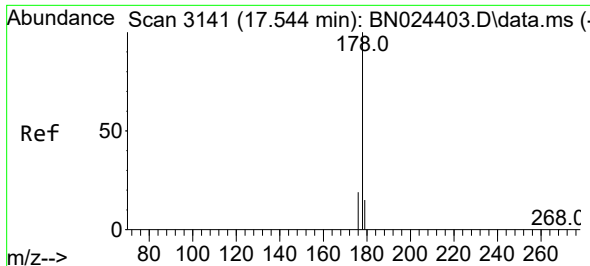
Tgt Ion:166 Resp: 40753
Ion Ratio Lower Upper
166 100
165 100.4 77.4 116.0
167 16.3 10.9 16.3



#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN024418.D
Acq: 20 Mar 2023 19:02

Tgt Ion:178 Resp: 2894
Ion Ratio Lower Upper
178 100
179 51.1 12.2 18.2#
176 50.2 15.7 23.5#

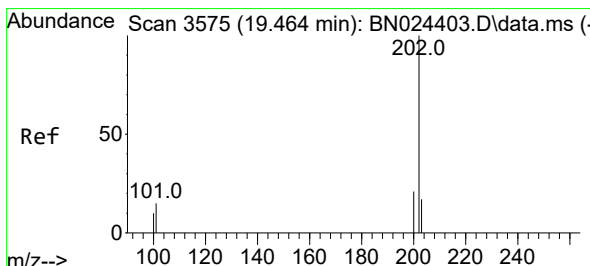
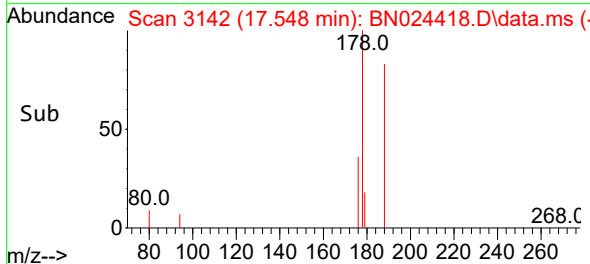
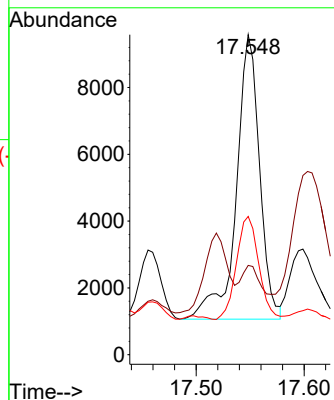
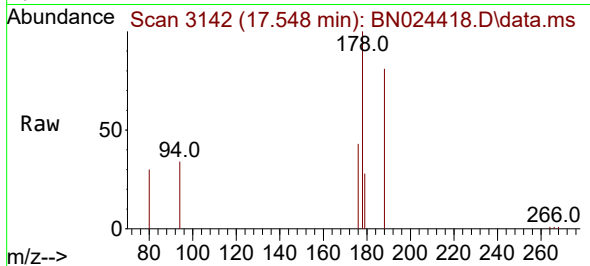




#16
 Anthracene
 Concen: 0.109 ng/ul
 RT: 17.548 min Scan# 3141
 Delta R.T. 0.004 min
 Lab File: BN024418.D
 Acq: 20 Mar 2023 19:02

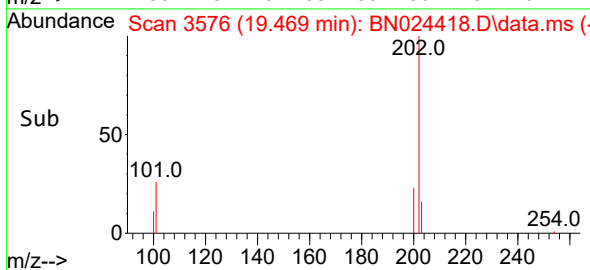
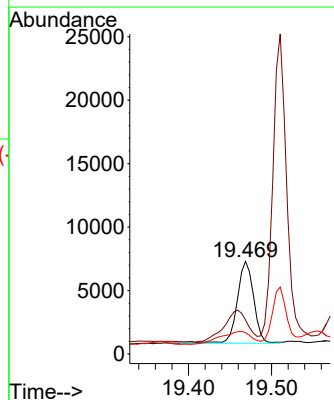
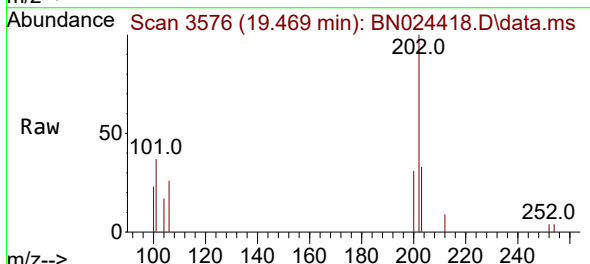
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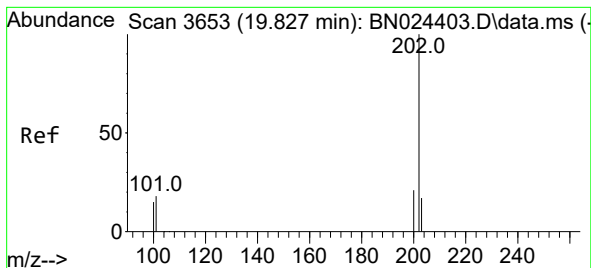
Tgt Ion:178 Resp: 12754
 Ion Ratio Lower Upper
 178 100
 179 27.9 12.3 18.5#
 176 43.2 15.3 22.9#



#19
 Fluoranthene
 Concen: 0.061 ng/ul
 RT: 19.469 min Scan# 3576
 Delta R.T. 0.005 min
 Lab File: BN024418.D
 Acq: 20 Mar 2023 19:02

Tgt Ion:202 Resp: 8831
 Ion Ratio Lower Upper
 202 100
 101 36.8 10.4 15.6#
 100 23.0 7.7 11.5#





#20

Pyrene

Concen: 0.042 ng/ul

RT: 19.831 min Scan# 3

Delta R.T. 0.005 min

Lab File: BN024418.D

Acq: 20 Mar 2023 19:02

Instrument :

BNA_N

ClientSampleId :

CB927

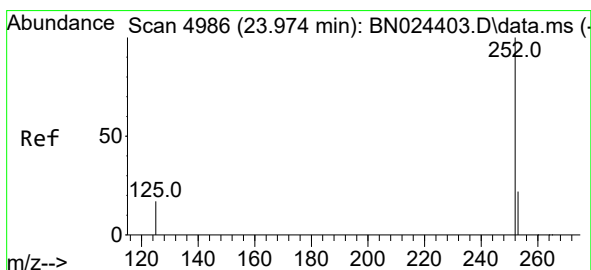
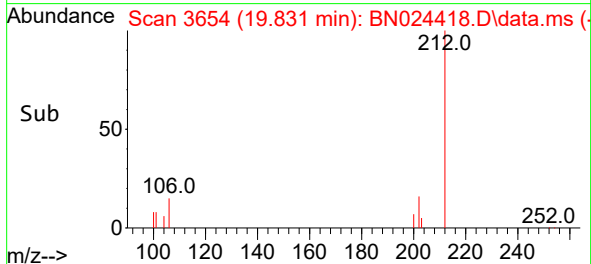
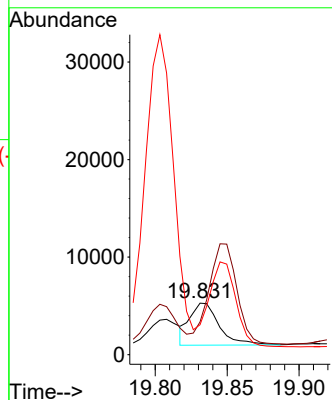
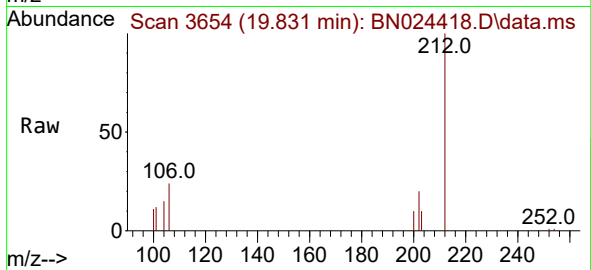
Tgt Ion:202 Resp: 6159

Ion Ratio Lower Upper

202 100

101 63.7 12.1 18.1#

100 58.2 9.4 14.0#



#26

Benzo(a)pyrene

Concen: 0.085 ng/ul

RT: 23.948 min Scan# 4977

Delta R.T. -0.026 min

Lab File: BN024418.D

Acq: 20 Mar 2023 19:02

Tgt Ion:252 Resp: 7641

Ion Ratio Lower Upper

252 100

253 52.4 19.2 28.8#

125 59.2 15.8 23.6#

